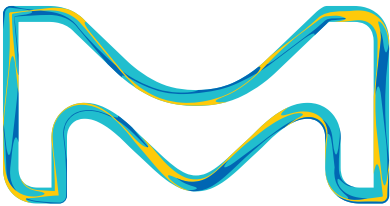


# Cannabis Microbiology Testing and Environmental Monitoring

Ensuring safe and  
high-quality products



The life science business  
of Merck KGaA, Darmstadt,  
Germany operates as  
MilliporeSigma in the  
U.S. and Canada.

**Millipore®**

Preparation, Separation,  
Filtration & Monitoring Products

We know how important it is now more than ever that your cannabis manufacturing is safe. With the increase of recreational and medicinal use by end consumers, cannabis regulations are on the rise, and standards are becoming increasingly stringent.

Microbiology testing is key to ensuring the safety of your final product. Our expertise enables you to focus on what's important to you - a safe and high-quality end product. Check out our full microbiology portfolio.

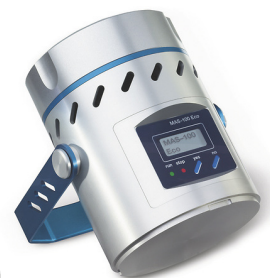
## Culture Media

Our media meets the highest industry performance standards. Our portfolio includes ready-to-use (RTU) agar plates, broths in bottles and tubes, as well as a broad range of granulated and powdered media. Ready-to-use media solves numerous problems in microbiology laboratories where time, equipment, and trained personnel are often in short supply. We offer a wide variety of ready-to-use options to fit your needs.



## Environmental & Hygiene Monitoring

We offer solutions for rapid environmental monitoring, disinfection control, and HACCP management including active and passive air monitoring, ATP testing, and protein residue detection. Product offerings include our RCS® High Flow Touch and compressed gas adapter, MAS-100® ECO, MVP ICON® and FLASH® swab for allergen and protein detection.



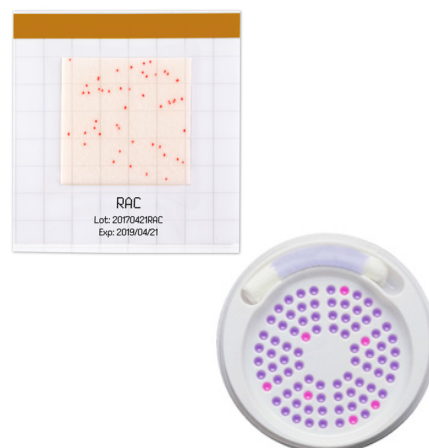
## Membrane Filtration & Water Testing

Membrane filtration should be easy and reliable and we offer two different instrument options for your testing. Our latest innovation, the Milliflex Oasis® system, is an all-in-one system designed with new features for increased productivity, result reliability, and regulatory compliance. Our EZ-Product family includes a state-of-the-art manifold and vacuum pump for filtration. Used with our membranes, filtration funnels, and media the system streamlines your water and raw materials testing work-flow. Pick the option that suits your lab best.



## Rapid Aerobic and Yeast and Mold Counts

The SimPlate® system for yeast and molds has AOAC approval for dried cannabis flower and provides accurate, easy-to-read results days faster than traditional methods. Using a combination of pre-measured media and a patented plating device, a color change in the medium confirms the presence of microbes of interest. The MC Media Pad has an embedded growth media pad and chromogenic substrates for specific microbial detection, allowing for faster results and easier interpretation. Both SimPlate and MC Media Pad are available in various formulations for total plate counts, Coliforms & *E. coli*, and Yeasts & Molds. The MC-Media Pad® can also be used for hygiene monitoring.



## Pathogen Testing

We understand the need to ensure that your cannabis products are always free from pathogens. Pathogen testing also needs to be fast, accurate, and reliable for you to be efficient. We provide a wide range of pathogen testing solutions based on customer need. Products include PCR Testing, ELISA testing, lateral flow, and traditional culture media methods. Our Assurance® GDS system is designed to be simple, flexible, and easy to run and is a perfect addition to your lab.

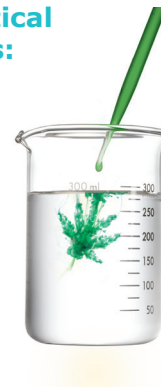


# Millipore®

Preparation, Separation,  
Filtration & Monitoring Products

**Also, check out our analytical  
cannabis testing solutions:**

- Cannabinoids and Potency
- Terpenes
- Pesticides
- Mycotoxins
- Heavy Metals
- Residual Solvents
- Moisture Analysis



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**CustomerService@ThomasSci.com**

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Disclaimer: Notwithstanding recent changes in certain state laws, federal law remains unchanged and the cultivation, possession, and/or sale of marijuana and related cannabis products continues to be illegal under federal law. In addition, the distribution of marijuana to minors under the age of 21 years remains illegal under state law.

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